



SEQUENCE LISTING

<110> Mirkin, Chad A.
Letsinger, Robert L.
Mucic, Robert C.
Storhoff, James J.
Elghanian, Robert
Taton, Thomas A.

<120> NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
AND USES THEREFOR

<130> 00-713-i8

<140> 09/974,007

<141> 2001-10-10

<150> 09/603,830

<151> 2000-06-26

<150> 09/344,667

<151> 1999-06-25

<150> 09/240,755

<151> 1999-01-29

<150> PCT/US97/12783

<151> 1997-07-21

<150> 60/031,809

<151> 1996-07-29

<150> 60/200,161

<151> 2000-04-26

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ccttgagatt tccctc

16

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aagttgcgct ttacggctaa tggcga

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15

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28

<210> 11

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 agcatgggtcg ataggaaacg actctagcgc 30

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24

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23

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25

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12

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48

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24

<210> 31
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synthetic sequence

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atcctgaatg cg 72

<210> 32
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synthetic sequence

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48

<210> 33
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synthetic sequence

<400> 33
tctcaactcg ta 12

<210> 34
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tacgagttga gaatcctgaa tgcg 24

<210> 35
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synthetic sequence

<400> 35
cgcattcagg at 12

<210> 36
<211> 141
<212> DNA
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<400> 36
ggcggatgag tcagtagtta aggaggctca tagagaagta attaattcgt caacagaggg 60
attattgtta aatattgata aggatataag aaaaatatta tccagggtta tattgtagaa 120
attgaagata ctgaagggt t 141

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synthetic sequence

<400> 37
taacaataat ccctc 15

<210> 38
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synthetic sequence

<400> 38
atccttatca atatt 15

<210> 39
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synthetic sequence

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tgagcctcct taactactga ctcacccgcc 30

<210> 40
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<210> 41
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synthetic sequence

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tataaccctg gataatattt ttcttat 27

<210> 42
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<210> 43
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synthetic sequence

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tctcaactcg taaaaaaaaa aa

22

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synthetic sequence

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synthetic sequence

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aaaaaaaaaa cgcattcagg at

22

<210> 46
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synthetic sequence

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tctcaactcg taaaaaaaaa aa

22

<210> 47

<211> 22

<212> DNA

<213> Artificial Sequence

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aaaaaaaaaa cgcattcagg at

22

<210> 48

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tacgagttga gaatcctgaa tgcg

24

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<211> 24

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synthetic sequence

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aaaaaaaaaa aaaaaaaaaa cgcatcagg at 32

<210> 52
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<210> 53
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<210> 54
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aaaaaaaaaa aaaaaaaaaa 20

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atccttatca atatt 15

<210> 59
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synthetic sequence

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tctcaactcg ta 12

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synthetic sequence

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tacgagttga gaatcctgaa tgcg 24

<210> 61
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synthetic sequence

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gcgtaagtcc taacgtacta acggagcaga attgccagag ttgagcat 48

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synthetic sequence

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gcgtaagtcc tacaacaggc atttcgcagg ttatatacgt actaacggag cagaattgcc 60
agagttgagc at 72

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synthetic sequence

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tgcattgattg cctcgtctta acgg 24

<210> 64
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synthetic sequence

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48